

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052725\
 Data File : BN037088.D
 Acq On : 27 May 2025 15:47
 Operator : RC/JU
 Sample : Q2082-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-260-262

Quant Time: May 27 16:10:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 14 11:26:32 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

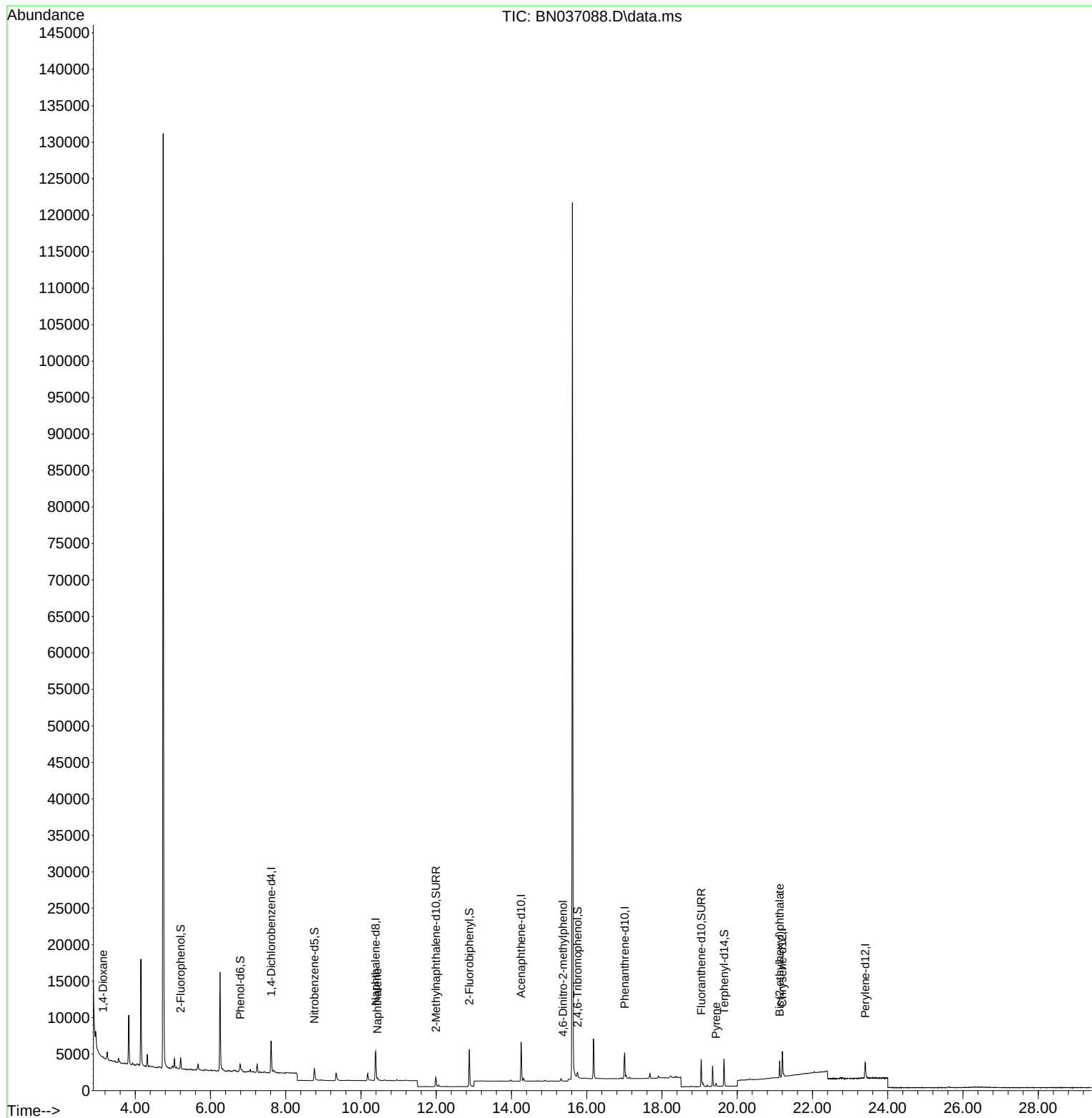
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	2095	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	5463	0.400	ng	-0.01
13) Acenaphthene-d10	14.256	164	2892	0.400	ng	-0.01
19) Phenanthrene-d10	17.009	188	5372	0.400	ng	# 0.00
29) Chrysene-d12	21.198	240	3400	0.400	ng	0.00
35) Perylene-d12	23.401	264	2908	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	1026	0.187	ng	0.00
5) Phenol-d6	6.788	99	876	0.128	ng	0.00
8) Nitrobenzene-d5	8.760	82	1568	0.264	ng	-0.01
11) 2-Methylnaphthalene-d10	11.991	152	1942	0.253	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	401	0.316	ng	-0.01
15) 2-Fluorobiphenyl	12.878	172	5143	0.388	ng	0.00
27) Fluoranthene-d10	19.040	212	4066	0.276	ng	0.00
31) Terphenyl-d14	19.649	244	3580	0.492	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.141	88	97	0.038	ng	# 60
9) Naphthalene	10.436	128	402	0.025	ng	# 62
20) 4,6-Dinitro-2-methylph...	15.368	198	4	0.027	ng	# 1
30) Pyrene	19.435	202	354	0.024	ng	98
34) Bis(2-ethylhexyl)phtha...	21.126	149	1981	0.251	ng	100

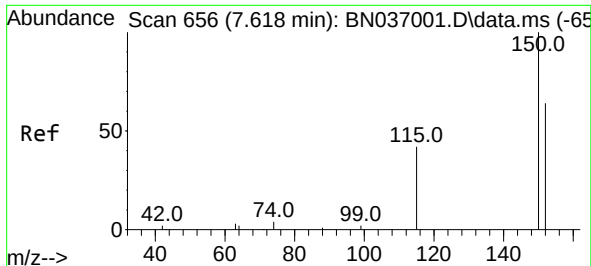
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052725\
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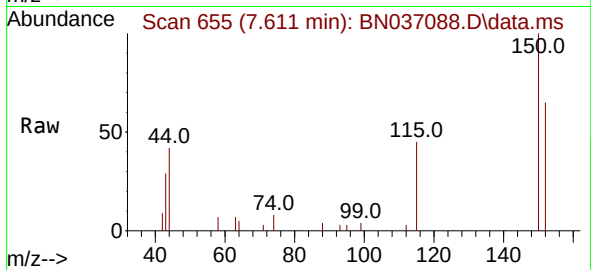
Quant Time: May 27 16:10:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
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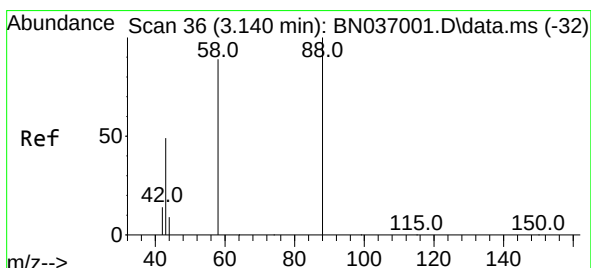
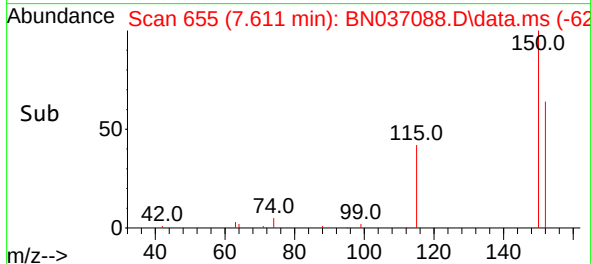
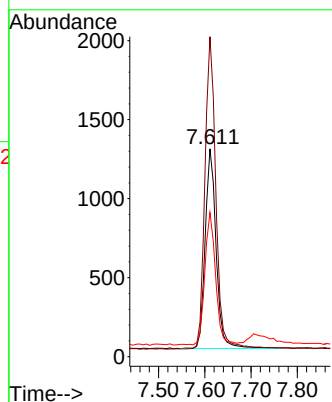
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.611 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037088.D
 Acq: 27 May 2025 15:47

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-260-262



Tgt Ion:152 Resp: 2095

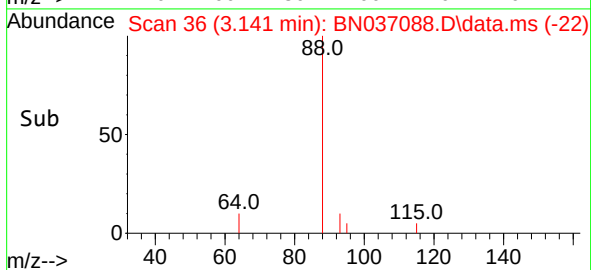
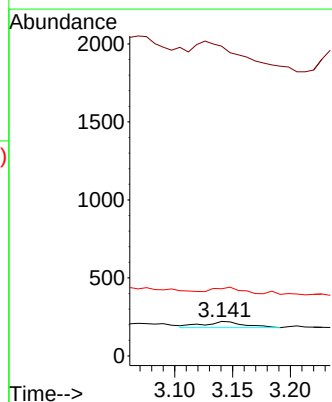
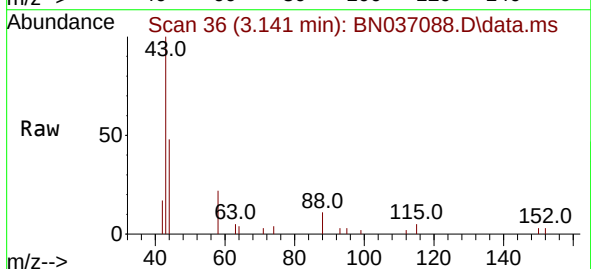
Ion	Ratio	Lower	Upper
152	100		
150	154.0	123.9	185.9
115	69.4	55.8	83.8

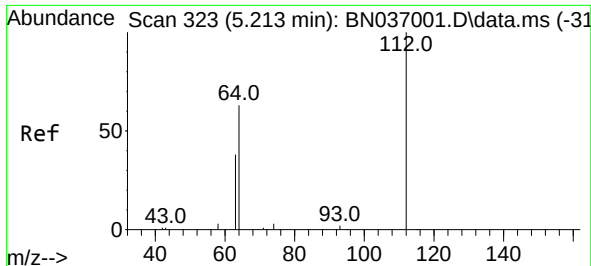


#2
 1,4-Dioxane
 Concen: 0.038 ng
 RT: 3.141 min Scan# 36
 Delta R.T. 0.001 min
 Lab File: BN037088.D
 Acq: 27 May 2025 15:47

Tgt Ion: 88 Resp: 97

Ion	Ratio	Lower	Upper
88	100		
43	0.0	37.4	56.0#
58	64.9	68.8	103.2#

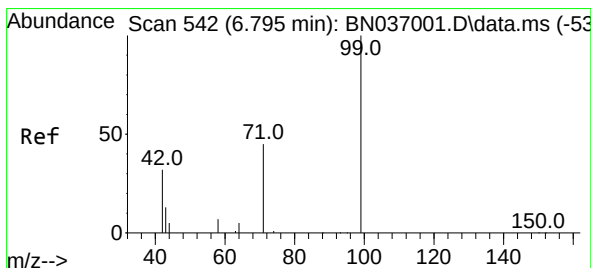
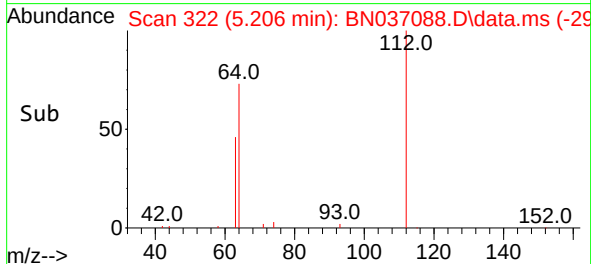
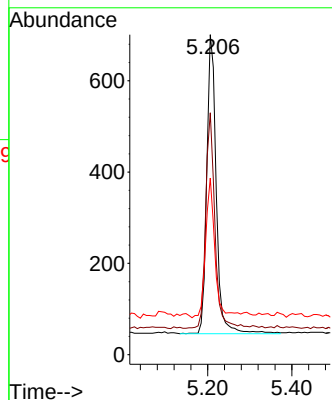
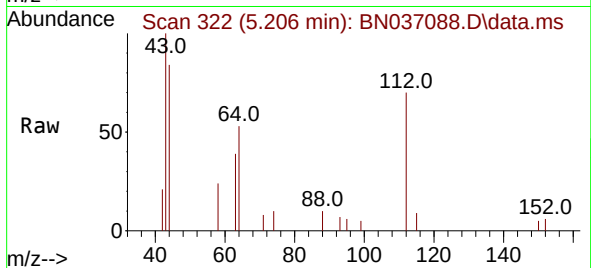




#4
2-Fluorophenol
Concen: 0.187 ng
RT: 5.206 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037088.D
Acq: 27 May 2025 15:47

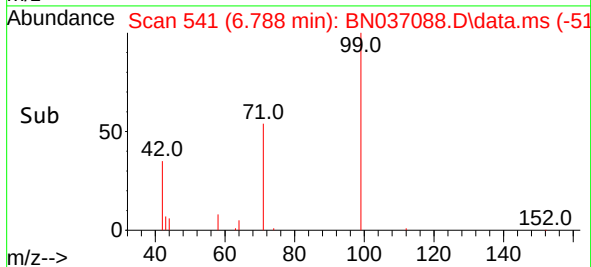
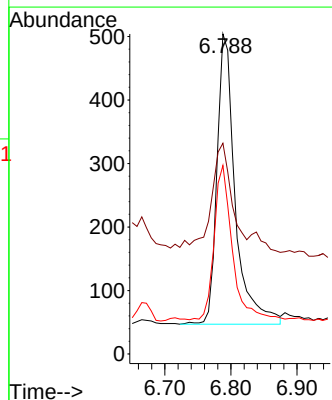
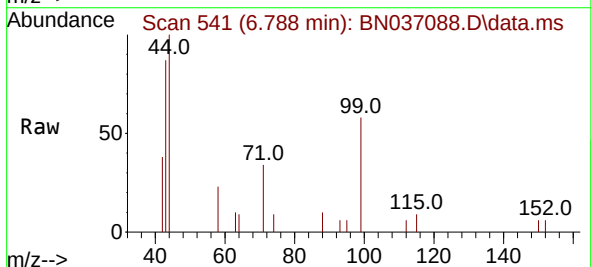
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-260-262

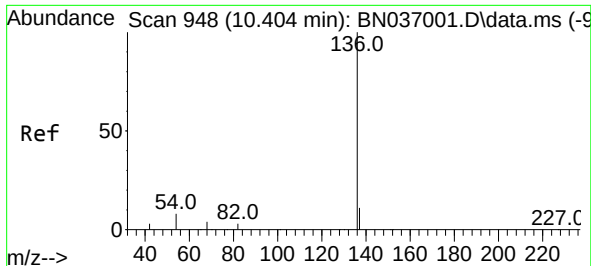
Tgt Ion:112 Resp: 1026
Ion Ratio Lower Upper
112 100
64 70.0 55.7 83.5
63 44.3 34.6 51.8



#5
Phenol-d6
Concen: 0.128 ng
RT: 6.788 min Scan# 541
Delta R.T. -0.007 min
Lab File: BN037088.D
Acq: 27 May 2025 15:47

Tgt Ion: 99 Resp: 876
Ion Ratio Lower Upper
99 100
42 38.7 29.3 43.9
71 52.6 35.7 53.5

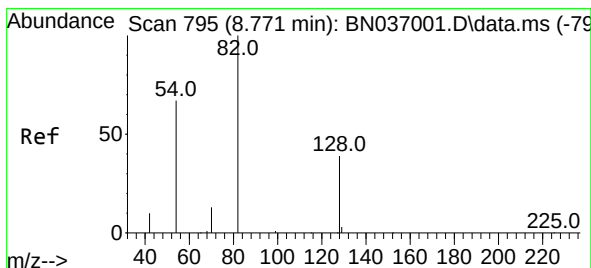
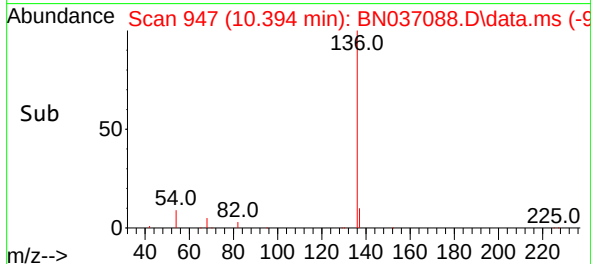
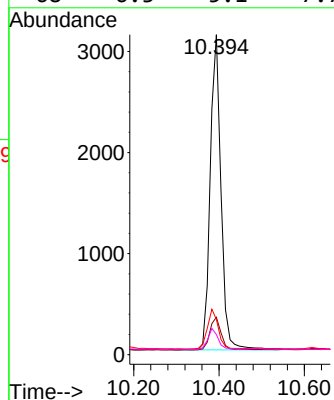
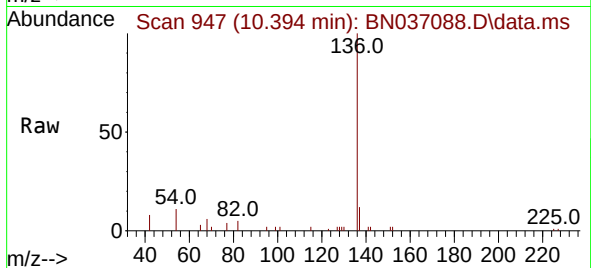




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 948
Delta R.T. -0.011 min
Lab File: BN037088.D
Acq: 27 May 2025 15:47

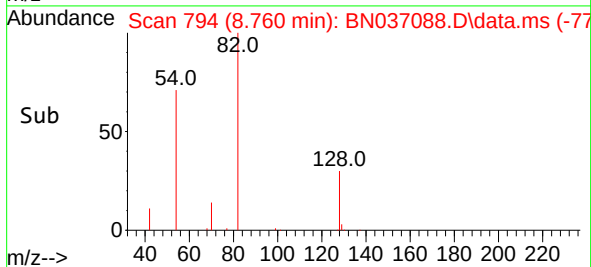
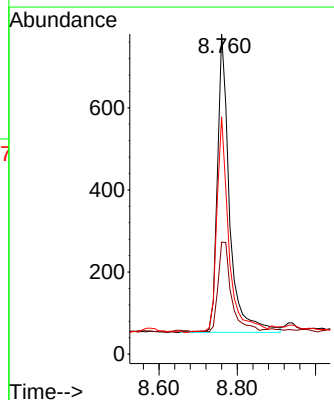
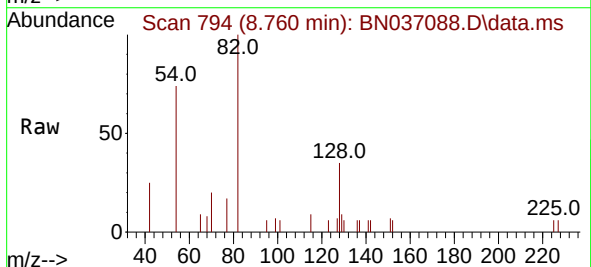
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-260-262

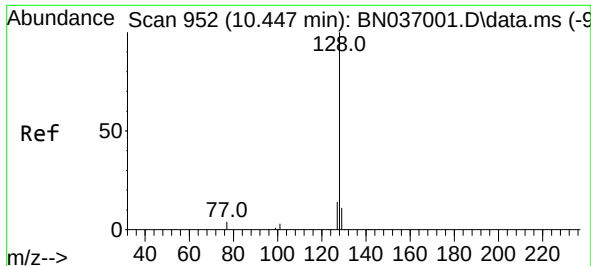
Tgt Ion:	136	Resp:	5463
Ion	Ratio	Lower	Upper
136	100		
137	11.7	10.4	15.6
54	11.1	8.5	12.7
68	6.3	5.1	7.7



#8
Nitrobenzene-d5
Concen: 0.264 ng
RT: 8.760 min Scan# 794
Delta R.T. -0.011 min
Lab File: BN037088.D
Acq: 27 May 2025 15:47

Tgt Ion:	82	Resp:	1568
Ion	Ratio	Lower	Upper
82	100		
128	35.0	34.0	51.0
54	74.1	55.0	82.4

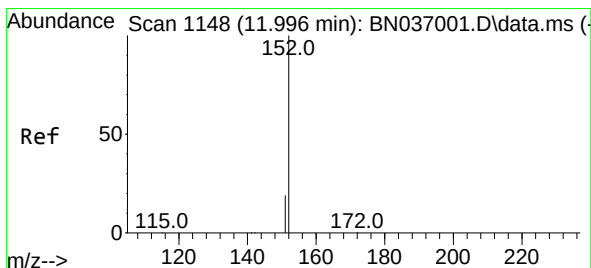
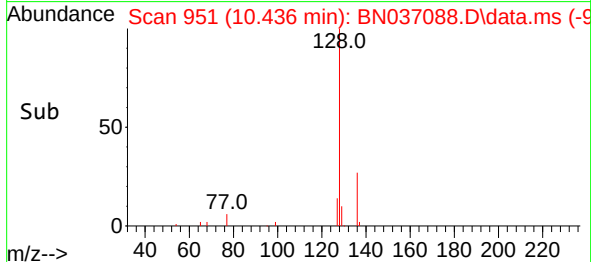
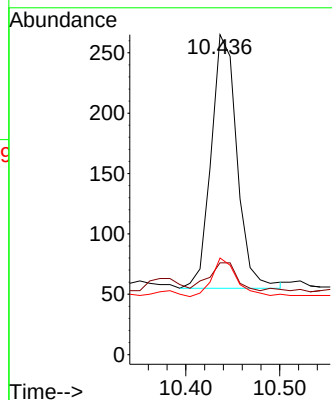
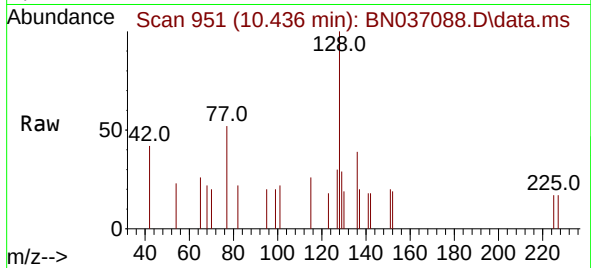




#9
Naphthalene
Concen: 0.025 ng
RT: 10.436 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN037088.D
Acq: 27 May 2025 15:47

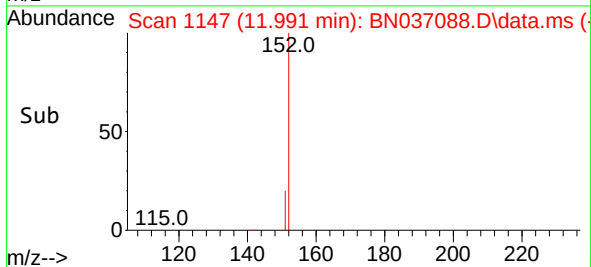
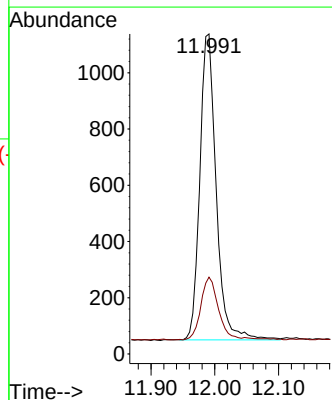
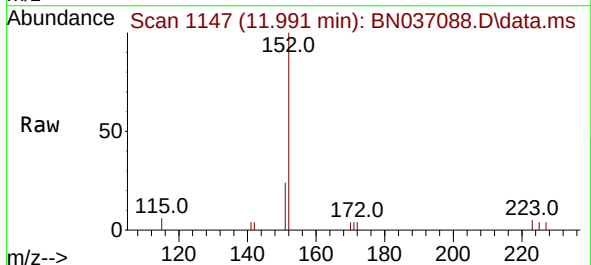
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-260-262

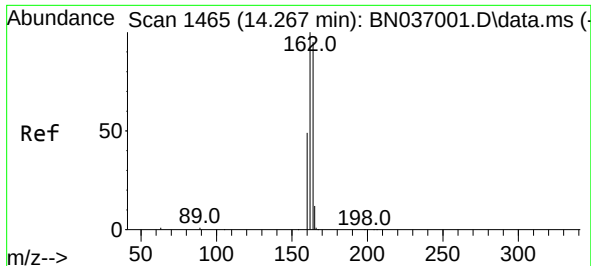
Tgt Ion:128 Resp: 402
Ion Ratio Lower Upper
128 100
129 28.7 9.7 14.5#
127 30.2 12.4 18.6#



#11
2-Methylnaphthalene-d10
Concen: 0.253 ng
RT: 11.991 min Scan# 1147
Delta R.T. -0.005 min
Lab File: BN037088.D
Acq: 27 May 2025 15:47

Tgt Ion:152 Resp: 1942
Ion Ratio Lower Upper
152 100
151 21.8 17.5 26.3

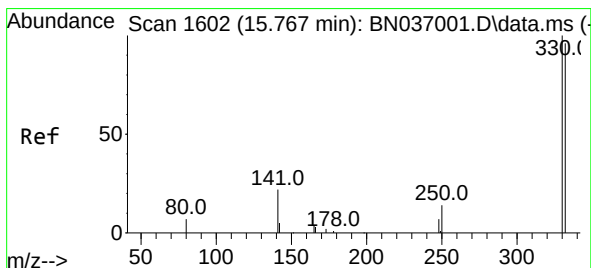
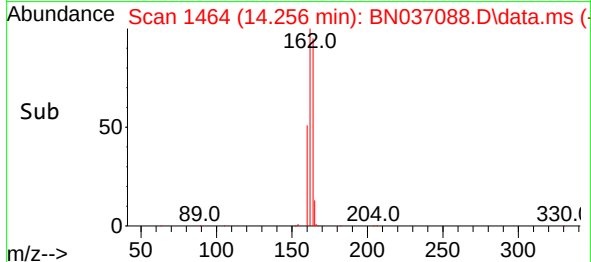
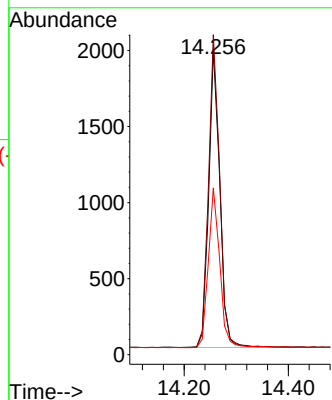
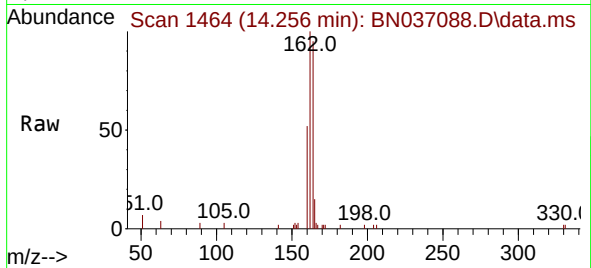




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN037088.D
Acq: 27 May 2025 15:47

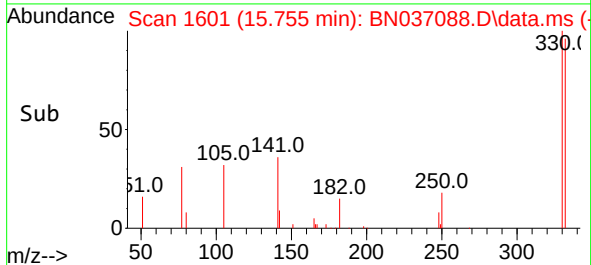
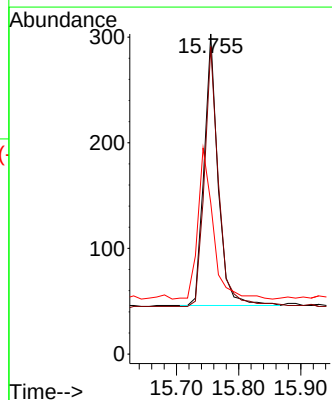
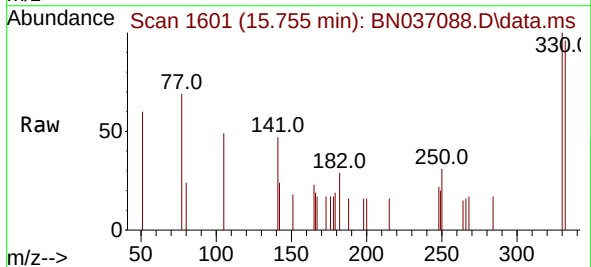
Instrument :
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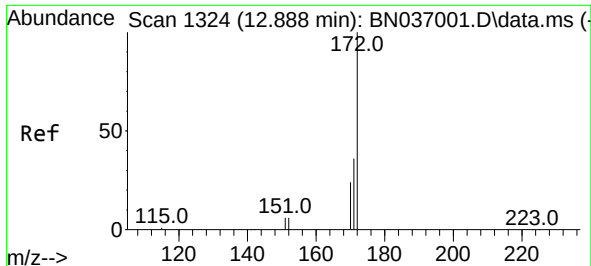
Tgt Ion:164 Resp: 2892
Ion Ratio Lower Upper
164 100
162 104.9 84.2 126.4
160 54.7 42.6 63.8



#14
2,4,6-Tribromophenol
Concen: 0.316 ng
RT: 15.755 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BN037088.D
Acq: 27 May 2025 15:47

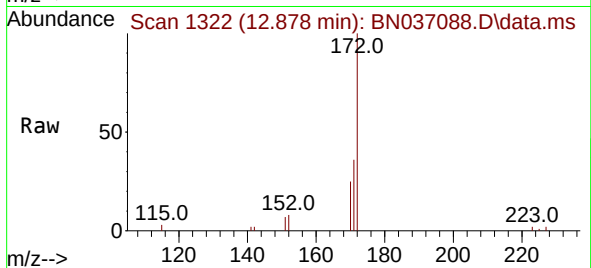
Tgt Ion:330 Resp: 401
Ion Ratio Lower Upper
330 100
332 98.5 73.8 110.8
141 60.8 43.9 65.9



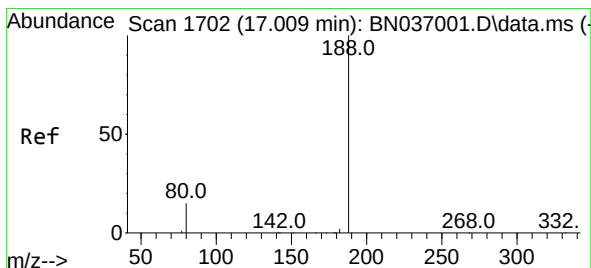
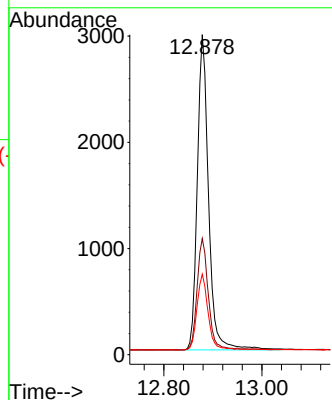
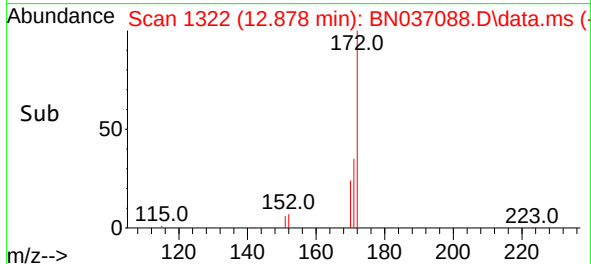


#15
2-Fluorobiphenyl
Concen: 0.388 ng
RT: 12.878 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN037088.D
Acq: 27 May 2025 15:47

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-260-262

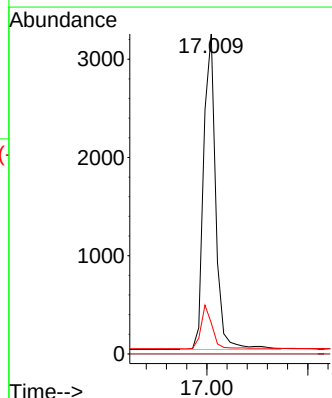
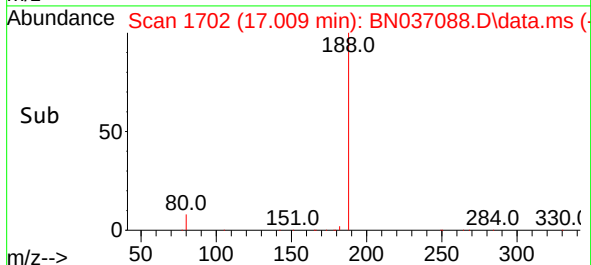
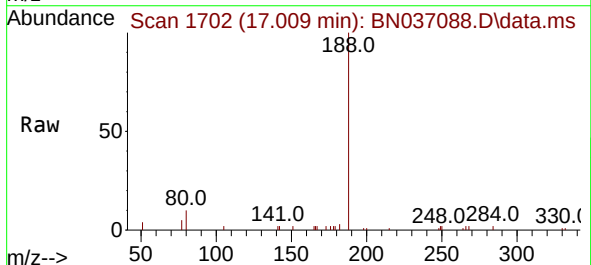


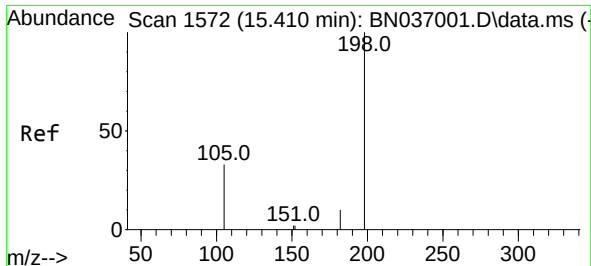
Tgt Ion:172 Resp: 5143
Ion Ratio Lower Upper
172 100
171 36.3 29.2 43.8
170 25.2 20.5 30.7



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.009 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BN037088.D
Acq: 27 May 2025 15:47

Tgt Ion:188 Resp: 5372
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.7 13.4 20.0#

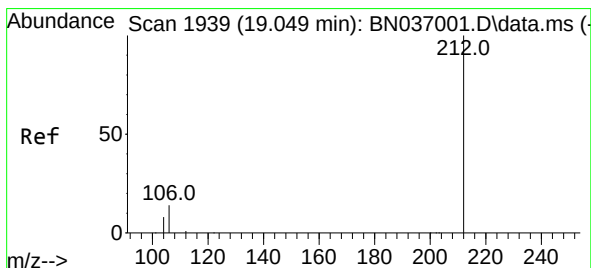
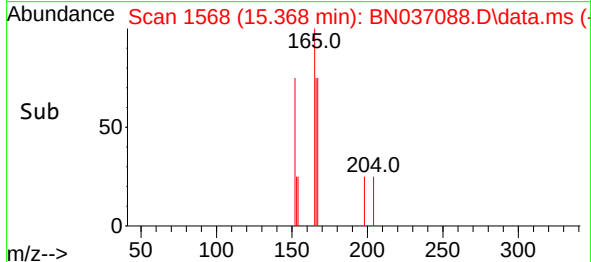
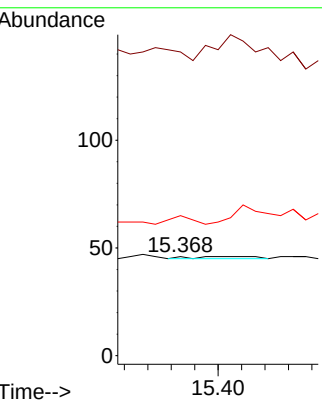
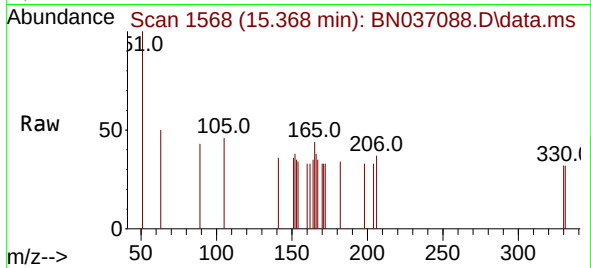




#20
4,6-Dinitro-2-methylphenol
Concen: 0.027 ng
RT: 15.368 min Scan# 1568
Delta R.T. -0.042 min
Lab File: BN037088.D
Acq: 27 May 2025 15:47

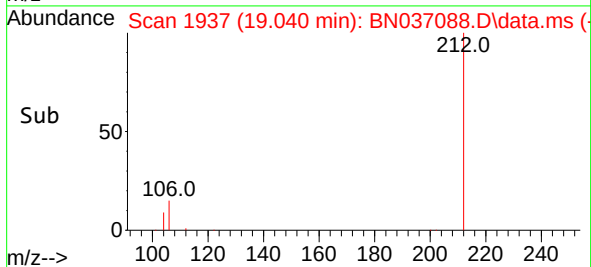
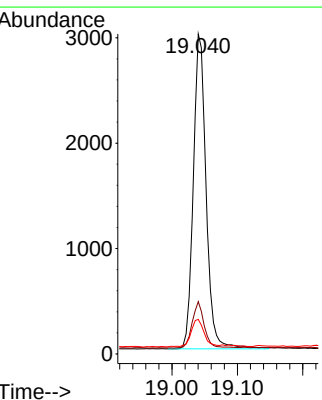
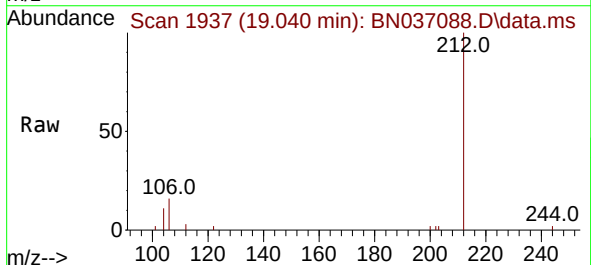
Instrument :
BNA_N
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BP-VPB-182-GW-260-262

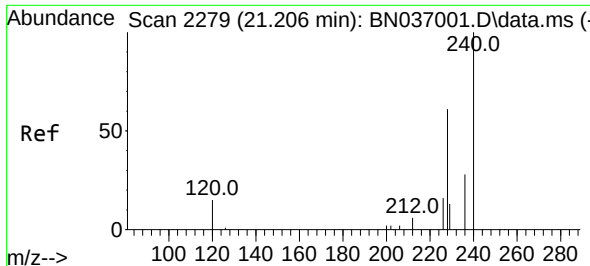
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 306.5 87.8 131.6#
105 141.3 44.2 66.4#



#27
Fluoranthene-d10
Concen: 0.276 ng
RT: 19.040 min Scan# 1937
Delta R.T. -0.009 min
Lab File: BN037088.D
Acq: 27 May 2025 15:47

Tgt Ion:212 Resp: 4066
Ion Ratio Lower Upper
212 100
106 13.8 11.3 16.9
104 8.9 6.7 10.1





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.198 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037088.D

Acq: 27 May 2025 15:47

Instrument :

BNA_N

ClientSampleId :

BP-VPB-182-GW-260-262

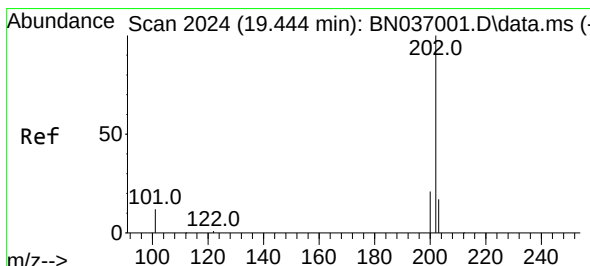
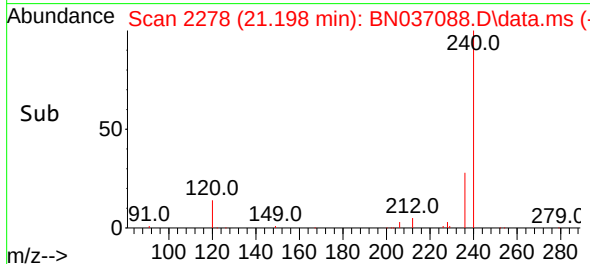
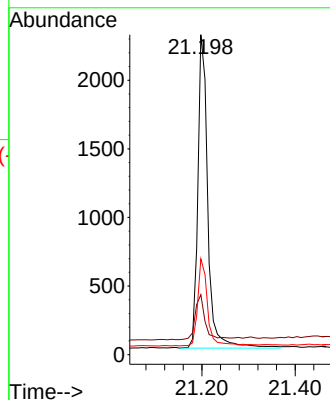
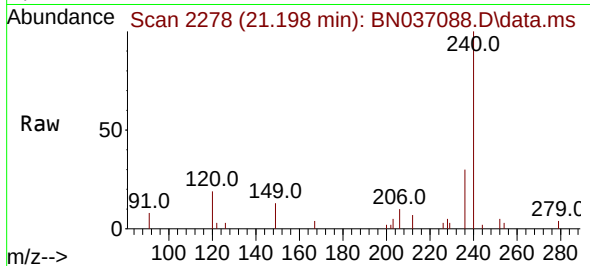
Tgt Ion:240 Resp: 3400

Ion Ratio Lower Upper

240 100

120 18.7 15.1 22.7

236 29.9 24.0 36.0



#30

Pyrene

Concen: 0.024 ng

RT: 19.435 min Scan# 2022

Delta R.T. -0.009 min

Lab File: BN037088.D

Acq: 27 May 2025 15:47

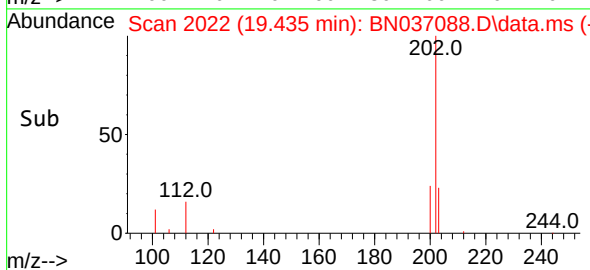
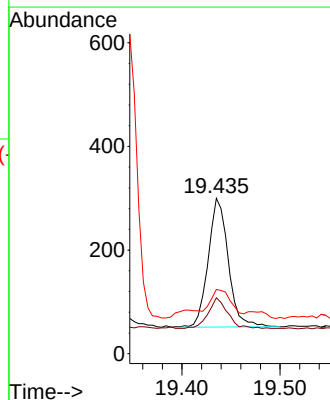
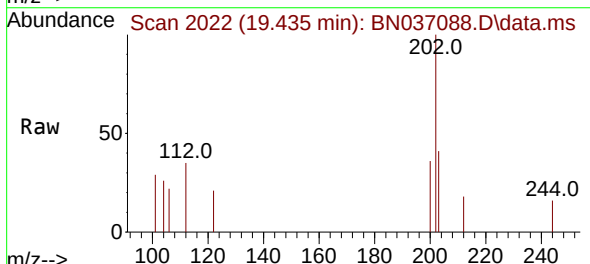
Tgt Ion:202 Resp: 354

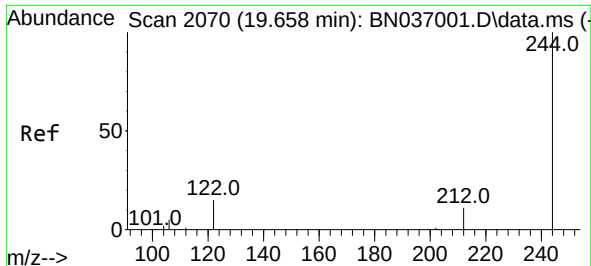
Ion Ratio Lower Upper

202 100

200 22.6 17.1 25.7

203 18.6 14.2 21.4

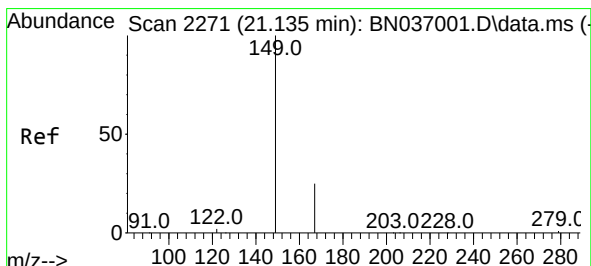
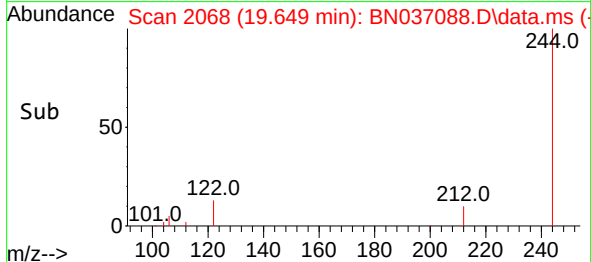
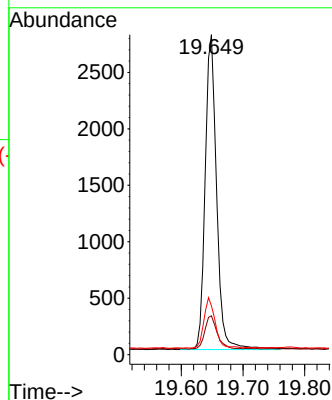
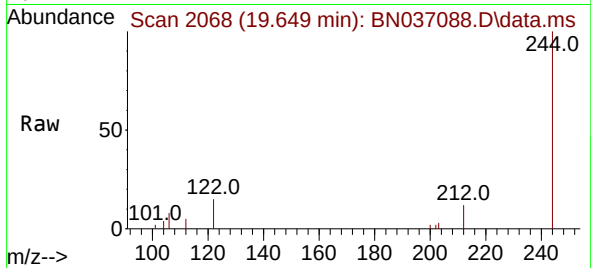




#31
 Terphenyl-d14
 Concen: 0.492 ng
 RT: 19.649 min Scan# 2070
 Delta R.T. -0.009 min
 Lab File: BN037088.D
 Acq: 27 May 2025 15:47

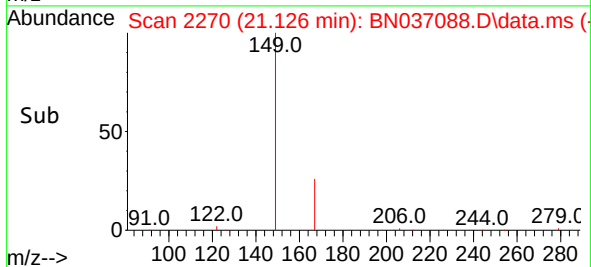
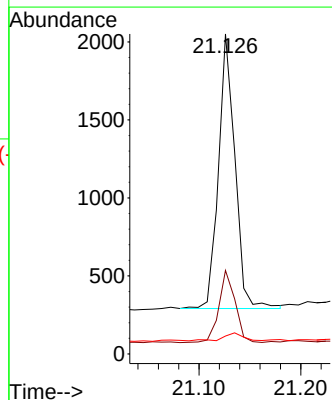
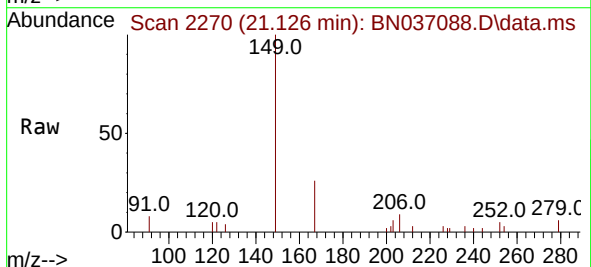
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-260-262

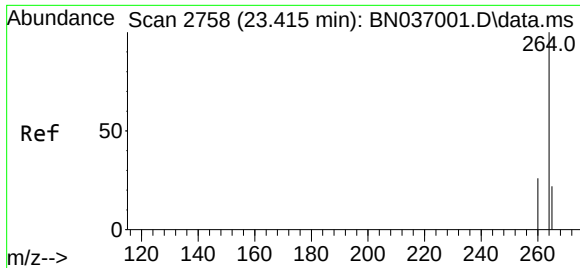
Tgt Ion:244 Resp: 3580
 Ion Ratio Lower Upper
 244 100
 212 12.2 9.7 14.5
 122 15.3 13.4 20.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.251 ng
 RT: 21.126 min Scan# 2270
 Delta R.T. -0.009 min
 Lab File: BN037088.D
 Acq: 27 May 2025 15:47

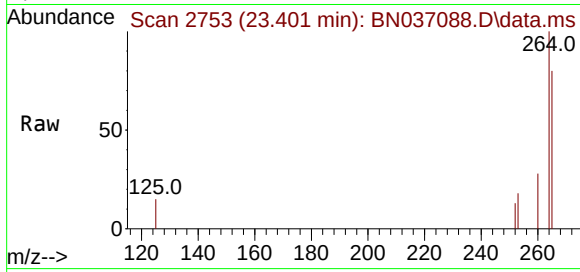
Tgt Ion:149 Resp: 1981
 Ion Ratio Lower Upper
 149 100
 167 25.9 20.6 30.8
 279 3.4 2.6 3.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.401 min Scan# 21
 Delta R.T. -0.014 min
 Lab File: BN037088.D
 Acq: 27 May 2025 15:47

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-182-GW-260-262



Tgt Ion:264 Resp: 2908

Ion	Ratio	Lower	Upper
264	100		
260	27.5	21.9	32.9
265	79.7	51.6	77.4#

